

## REMARKS

The abstract and specified paragraphs of the present application were amended to correct typographical errors. No new matter has been added.

Applicant notes the indicated allowability of Claims 2, 3, 7-9, 12-14 and 22.

### **Rejection under 35 U.S.C. §102(e)**

Claims 1, 4-6, 10, 11, 15-19, 21 and 23 are rejected as being anticipated by Carsello, et al., U.S. Patent No. 6,529,566 ("Carsello"). Specifically, the examiner references Figures 2 and 3 and Column 4, ll. 10-39 and ll. 59-65 to show an apparatus with the method steps of receiving a first signal having a waveform with a portion that repeats, delaying the first signal an integer number of predetermined intervals to produce a second signal, combining the second signal with the first signal thereby producing a correlated signal, and providing the correlated signal to an evaluation and detection means. It appears the examiner has misunderstood what Carsello fairly discloses. Carsello fairly discloses a baseband digital signal added to an adder to a delayed version of itself where the delay is equal to the symbol duration at the desired baud rate. (Col. 4, ll. 19-22).

Independent Claims 1, 10, and 21 disclose receiving a waveform having a portion thereof which repeats at a predetermined interval. Independent Claim 18 and Claim 19, as amended, disclose detecting the presence of a waveform having a portion which repeats periodically. Carsello is silent with respect to receiving a waveform having a portion which repeats periodically or at a predetermined interval. Furthermore, there is no teaching or motivation in Carsello of receiving such a waveform. Carsello cannot

anticipate the patentable limitations of Claims 1, 10, 18, 19 and 21. Reconsideration and withdrawal of the rejections of Claims 1, 10, 18, 19 and 21 is hereby solicited.

Claims 4-6, 11, 15-17, and 23 are dependent upon independent Claims 1, 10 and 21, respectively. Claims 1, 10, 21 are in condition for allowance. Irrespective of the additional patentable limitations contained therein, allowance of Claims 4-6, 11, 15-17, and 23 is hereby solicited.

A further and favorable Action and allowance of Claims 1-19 and 21-23 is hereby solicited.

Respectfully submitted



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